

Application No.: 10/609265
Amendment dated: December 16, 2004
Reply to Office action of September 22, 2004

AMENDMENT TO THE SPECIFICATION:

Please amend paragraph 0005 as follows:

[0005] To address the problem of pressure dependency, another flow-dividing system 10B, as shown in FIG. 11, has been used. In this system, the flow rate in one secondary flow path 114 is measured, and the flow rate in the other secondary flow path 116 is controlled, based on the flow rate in path 114, by a mass flow controller. The system of FIG. 11 is described in detail in U.S. Patent 6,418,954, which was granted on July 16, 2002, and the disclosure of which is ~~incorporate~~ incorporated by reference. In this system, an output signal proportional to the mass flow in path 114, as measured by mass flow meter 118, is supplied as a control input signal to mass flow controller 122. Accordingly, the flow is divided equally, or at a fixed ratio, and the flow of gas in the secondary flow paths can be accurately controlled without the need to maintain a high pressure at the upstream side of the controller 122 and mass flow meter 118.